**ASP.NET Web Forms Exam (Practical - Cumulative)**

**The basic gist of this Exam:**

During the first five weeks of the quarter, you have learned:

* How to create a simple ASP.NET web page
* You need to use Session variables or invisible labels to store data from page to page.
* How to create templates using Master Pages
* Create a Backend portion of the site using a required login to access controls.
* Create at least one C# class to represent whatever item/object you are going to be gathering information on. (Not a contact/person)
* Utilize and Update your previously coded Validation via classes
* Implement a SQL Database along with class code to Insert / Update / Delete / Search data.
* Searching should implement a drill-down process (Broad, narrow with criteria, select/display one result)

For this Exam, I would like you to build a new site, other than the Contact Mgr, that has all of the above capabilities you learned.  You may choose a topic of your own, but please pass your ideas past the instructor via email or within class.

If you cannot come up with a website topic, you can create one of the following examples:

1) **Cemetery Gravesite Tracking system.  We will need to gather and validate the following information via classes and form(s):**

* Date (textbox, filled in with today’s current date)
* Cemetery (Drop down list filled with a series of bogus cemetery names)
* First, Middle, Last Names (Textbox)
* Relationship/Title
* DOB (Date of Birth, Calendar Control/Textbox) Birth
* DOD (Date of Birth, Calendar Control/Textbox) Death
* Vet? (Checkbox)
* Military Branch (DropDown List)
* War? CheckBox List, with Multiple Selections allowed.
* Stone Condition (Dropdown list)
* Notes (Textbox, Multiline)

**2) Pizza Ordering System system.  We will need to gather and validate the following information via classes and form(s):**

Pizza Size: Radio Buttons: Small ($7), Medium ($10), Large ($12)

Pizza Toppings: Checkboxes: (+50 cents per topping):

Pepperoni, Sausage, Meatball, Ham

Peppers, Onions, Olives, Spinach

Pineapple, BBQ Sauce, Xtra Cheese, Spit

First Name, Last Name, Street1, Street2, City, State, Phone, Email

 Use a Combo/Drop-Down List for the City (Delivery in only 3 local cities, default it to a specific city)

Use a Combo/Drop-Down List for the State (Default it to a specific state.)

Calculate the Total Cost and Display the pizza order